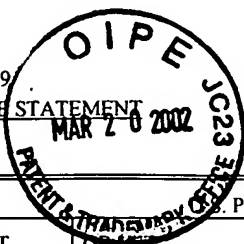


FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT



ATTY. DOCKET NO. 00166.0108.US01

APPLICATION NO. 10/022,859

APPLICANT J. Michael Ramstack et al.

FILING DATE December 20, 2001

GROUP 1615

PATENT DOCUMENTS

EXAMINER INITIALS	REF. NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
JRW	AA1	3,523,906	08/1970	Vrancken <i>et al.</i>			
	AB1	3,691,090	09/1972	Kitajima <i>et al.</i>			
	AC1	3,737,337	06/1973	Schnoring <i>et al.</i>			
	AD1	3,773,919	11/1973	Boswell <i>et al.</i>			
	AE1	3,891,570	06/1975	Fukushima <i>et al.</i>			
	AF1	3,960,757	06/1976	Morishita <i>et al.</i>			
	AG1	4,221,862	09/1980	Naito <i>et al.</i>			
	AH1	4,384,975	05/1983	Fong			
	AI1	4,389,330	06/1983	Tice <i>et al.</i>			
	AJ1	4,530,840	07/1985	Tice <i>et al.</i>			
	AK1	4,818,517	04/1989	Kwee <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIALS	REF. NO.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
JRW ↓	AL1	WO 89/03678	05/1989	WIPO	—		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AM1	WO 90/13361	11/1990	WIPO	—		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AN1	0 486 959 A1	05/1992	EPO	—		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AO1	WO 94/10982	05/1994	WIPO	—		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AP1	WO 95/13799	05/1995	WIPO	—		<input type="checkbox"/> Yes <input type="checkbox"/> No

EXAMINER INITIALS	REF. NO.	OTHER (Including Author, Title, Date, Pertinent Pages, etc.)
JRW	AS 1	Beck, L.R. <i>et al.</i> , Biology of Reproduction, 28:186-195 (February 1983).
	AT 1	Bodmeier, R., <i>et al.</i> , International Journal of Pharmaceuticals, 43:179-186 (1988).

EXAMINER JRW	DATE CONSIDERED 7/23/03
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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AWP	AA2	4,940,588	07/1990	Sparks <i>et al.</i>			
	AB2	5,066,436	11/1991	Komen <i>et al.</i>			
	AC2	5,407,609	04/1995	Tice <i>et al.</i>			
	AD2	5,428,024	06/1995	Chu <i>et al.</i>			
	AE2	5,478,564	12/1995	Wantier <i>et al.</i>			
	AF2	5,541,172	07/1996	Labric <i>et al.</i>			
	AG2	5,650,173	07/1997	Ramstack <i>et al.</i>			
	AH2	5,654,008	08/1997	Herbert <i>et al.</i>			
	AI2	5,654,010	08/1997	Johnson <i>et al.</i>			
	AJ2	5,656,297	08/1997	Bernstein <i>et al.</i>			
	AK2	5,656,299	08/1997	Kino <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AWP	AL2	WO 96/40049	12/1996	WIPO			<input type="checkbox"/> Yes <input type="checkbox"/> No
	AM2	WO 97/41837	11/1997	WIPO			<input type="checkbox"/> Yes <input type="checkbox"/> No
	AN2	WO 99/12549	03/1999	WIPO			<input type="checkbox"/> Yes <input type="checkbox"/> No
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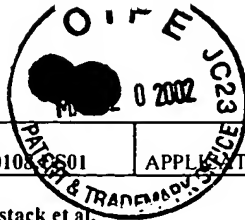
EXAMINER INITIALS	REF. NO.	OTHER (Including Author, Title, Date, Pertinent Pages, etc.)
AWP	AR 2	Y. Cha and C.G. Pitt, "The Acceleration of Degradation-Controlled Drug Delivery from Polyester Microspheres," <i>Journal of Controlled Release</i> , 8 (1989) 259-265.
	AS 2	Y. Cha and C.G. Pitt, "A One-Week Subdermal Delivery System for L-Methadone Based on Biodegradable Microparticles," <i>Journal of Controlled Release</i> , 7 (1988) 69-78.
	AT 2	R. Jalil <i>et al.</i> , <i>Journal of Microencapsulation</i> , Volume 7, Number 3, July-September 1990, pp. 297-319.

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7/23/03

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	GRANT DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AW	AA3	5,658,593	08/1997	Orly et al.			
	AB3	5,667,808	09/1997	Johnson et al.			
	AC3	5,688,801	11/1997	Mesens et al.			
	AD3	5,770,231	06/1998	Mesens et al.			
	AE3	5,747,058	05/1998	Tipton et al.			
	AF3	5,792,477	08/1998	Rickey et al.			
	AG3	5,871,778	02/1999	Kino et al.			
	AH3	5,916,598	06/1999	Rickey et al.			
	AI3	5,942,253	08/1999	Gombotz et al.			
	AJ3	5,945,126	08/1999	Thanoo et al.			
	AK3	5,965,168	10/1999	Mesens et al.			

FOREIGN PATENT DOCUMENTS

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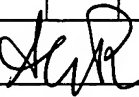
EXAMINER INITIALS	REF. NO.	OTHER (Including Author, Title, Date, Pertinent Pages, etc.)
AW	AR 3	Wen-I Li et al., Journal of Controlled Release, 37:199-214 (December 1995).
	AS 3	H. V. Maulding et al., "Biodegradable Microcapsules: Acceleration of Polymeric Excipient Hydrolytic Rate by Incorporation of a Basic Medicament," Journal of Controlled Release, 3:103-117 (March 1986).
	AT 3	Hongkee Sah et al., Pharmaceutical Research, 13:360-367 (March 1996).



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	AP1						<input type="checkbox"/> Yes <input type="checkbox"/> No	
EXAMINER INITIALS	REF. NO.	OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
	AS	4	Toyomi Sato <i>et al.</i> , Pharmaceutical Research, 5:21-30 (1988).					
	AT	4	Y. F. Maa <i>et al.</i> , "Liquid-liquid emulsification by static mixers for use in microencapsulation," J. Microencapsulation, 1996, Vol. 13, No. 4, 419-433.					
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	AP1						<input type="checkbox"/> Yes <input type="checkbox"/> No	
EXAMINER INITIALS	REF. NO.	OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
	AS	5	B. Conti <i>et al.</i> , "Use of polylactic acid for the preparation of microparticulate drug delivery systems," J Microencapsulation, 1992, Vol. 9, No. 2, 153-166.					
	AT	5						
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